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NPIC/TSSG/TPD/TEB			26 Sept '68
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DIRECTOR			DED/TSSG
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Declass Review by NGA.

NPIC/TSSG/TPD/TEB-11-68
24 September 1968

MEMORANDUM FOR: Chief, Imagery Exploitation Group, NPIC

SUBJECT: Test Plan for 1540 Split-Format Light Table

1. The attached test plan is forwarded for your information and planning purposes. Your comments concerning the plan will be welcomed in the realization that a thorough and effective test program cannot be achieved without participation and coordination with both the Development Engineering Division and operational components.

2. The tentative arrival date for the 1540 Light Table is 1 November 1968 at which time the test program is scheduled to begin.

Chief, Technical Services & Support Group
NPIC

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24 September 1968

TEST PLAN - 1540 SPLIT-FORMAT LIGHT TABLE

REFERENCE: Development Objective - Split-Format 1540 Light Table and Mount for Various Microstereoscopes

1. Introduction

1.1. This prototype unit is being developed in response to operational requirements for a wider split-format light table than is presently available.

1.2. The contract for this work was awarded to the [REDACTED] on 28 June 1968. Delivery is scheduled to occur approximately 1 November 1968.

1.3. A document entitled Test Procedures - 1540 Split-Format Light Table will be produced prior to receipt of the prototype. This document will list tests to be performed by TEB/TPD for acceptance of the prototype, and for evaluation of its performance characteristics and operational suitability.

2. Acceptance Testing

2.1. On receipt of the prototype unit gross tests will be performed to ascertain that the specifications listed in the ref. D.O. generally have been met.

2.2. Discrepancies in broad specifications will be reported to DED by a Preliminary Test Report so that corrective action may be taken prior to further testing.

3. Engineering and Performance Testing

3.1. Following successful conclusions of acceptance testing, detailed engineering tests will be performed. These tests will explore each requirement in the D.O. and the results will be reported in detail.

3.2. On completion of these tests, changes in the prototype may be in order. This will be coordinated with DED.

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4. Operational Suitability Testing

4.1. Subsequent to changes which may be necessary to bring the unit's engineering performance to an acceptable level, operational suitability testing will be performed.

4.2. Operational divisions will be requested to nominate personnel to use the light table. These P.I.'s will be thoroughly briefed on the functions of the table and its deviations from what is in common use. Each P.I. will be given enough time to use the unit in his normal environment and operation to form opinions as to its useability and suitability. They will be thoroughly questioned to solicit reactions and opinions during and after use.

5. A Test and Evaluation Report will be written detailing the results of 2, 3, and 4 above, and containing recommendations for further modifications and/or procurement of the unit.

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PREPARED

APPROVED

Chief, TEB/TPD

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